



Tbd\_1625  
Tbd\_1614  
Tbd\_2670  
Tbd\_2551  
Tbd\_2548  
Tbd\_0216  
Tbd\_1615  
Tbd\_0231  
Tbd\_0348  
Tbd\_2023  
Tbd\_1269  
Tbd\_2500  
Tbd\_1807  
Tbd\_2771  
Tbd\_0904  
Tbd\_2690  
Tbd\_0085  
Tbd\_0019  
Tbd\_2611  
Tbd\_1749  
Tbd\_2791  
Tbd\_0136  
Tbd\_2354  
Tbd\_1287  
Tbd\_1588  
Tbd\_1290  
Tbd\_2237  
Tbd\_2570  
Tbd\_2786  
Tbd\_2464  
Tbd\_1399  
Tbd\_1191  
Tbd\_1039  
Tbd\_1743  
Tbd\_2552  
Tbd\_1192  
Tbd\_2571  
Tbd\_2271  
Tbd\_0551  
Tbd\_0197  
Tbd\_2236  
Tbd\_0670  
Tbd\_1598  
Tbd\_2671  
Tbd\_1268  
Tbd\_0987

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

CheY

1 Response\_reg

CheY

1 Response\_reg

RpfG

1 Response\_reg,1 HD

CheY

1 Response\_reg

CheA

4 Hpt,1 H-kinase\_dim,1 HATPase\_c,1 CheW,1 Response\_reg

OmpR

1 Response\_reg,1 Trans\_reg\_C

CheB

1 Response\_reg,1 CheB\_methylest

LytTR

1 Response\_reg,1 LytTR

OmpR

1 Response\_reg,1 Trans\_reg\_C

RpfG

1 HDOD,1 Response\_reg,1 GGDEF

PleD\_VieA

1 Response\_reg,1 PAS\_4,1 GGDEF,1 EAL

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

PrrA

1 Response\_reg,1 HTH\_8

PleD\_VieA

1 Response\_reg,1 PAS,1 GGDEF,1 EAL

PrrA

1 Response\_reg,1 HTH\_8

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

OmpR

1 Response\_reg,1 Trans\_reg\_C

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

NarL

1 Response\_reg,1 HTH\_LUXR

PleD\_VieA

1 Response\_reg,1 PAS,1 PAS\_4,1 GGDEF,1 EAL

PleD

1 Response\_reg,1 GGDEF

NarL

1 Response\_reg,1 HTH\_LUXR

CheY

1 Response\_reg

CheY

1 Response\_reg

Hybrid

1 HAMP,1 HisKA,1 HATPase\_c,1 Response\_reg

AmiR\_NasR

1 Response\_reg,1 ANTAR

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

NtrC

1 Response\_reg,1 AAA\_5,1 HTH\_8

CheY

1 Response\_reg

NarL

1 Response\_reg,1 GerE

CheV

1 CheW,1 Response\_reg

Unorthodox

1 HisKA,1 HATPase\_c,1 Response\_reg,1 Hpt

Unorthodox

1 HAMP,1 HisKA,1 HATPase\_c,1 Response\_reg,1 Hpt

Unorthodox

1 PAS,1 HisKA,1 HATPase\_c,1 Response\_reg,1 Hpt